

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of colour correcting a sensed image before printing by a hand held camera system, said camera system including:
an image sensor device for sensing an image;
a printing system including an inkjet printhead for printing out said sensed image, the image sensor and the printhead being operable in different colour spaces; and
a processing means for processing colour correcting said sensed image and colour converting the sensed image from the colour space of the image sensor to the colour space of the printhead, the processing means storing a colour look up table for each of the colour components for use during per channel colour conversion of the sensed image; and
a printing system including an inkjet printhead for printing out said sensed image; wherein the method of colour correcting said sensed image before printing comprises:
receiving input from a user indicating that the image is to be sensed;
in response to the input, utilizing said image sensor device to sense a first image of a first scene;
processing said first image to determine colour characteristics of said first image;
utilizing said image sensor device without further user input to sense a second image of said same first scene, in rapid succession to said first image, wherein content of said second image is substantially identical to said first image;
applying per channel colour correction to said second image based on the determined colour characteristics of said first imagederiving a single matrix multiplication for application to each pixel of the sensed image on a per channel basis to simultaneously colour correct and colour convert the sensed image; and
printing out said second image by said inkjet printhead.

2. (Previously presented) A method as claimed in claim 1 wherein said second image is sensed within 1 second of said first image.
3. (Previously presented) A method as claimed in claim 1 wherein said processing step includes examining intensity characteristics of said first image on a per color basis.
4. (Original) A method as claimed in claim 1 wherein said processing step includes determining a maximum and minimum intensity of said first image and utilizing said intensities to rescale the intensities of said second image.